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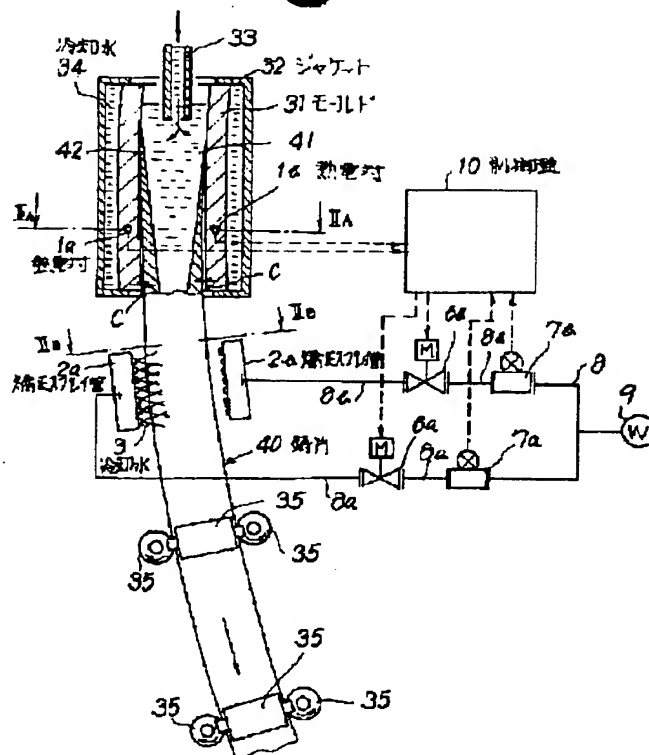
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APPLICANT : RYOJU SEITETSU ENG KK;

INVENTOR : FUJIKAWA YASUO;

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TITLE : CONTINUOUS CASTING EQUIPMENT



ABSTRACT : PURPOSE: To improve the correcting accuracy of the deformation of a cast slab and to reduce the maintenance cost of equipment and down-time.

CONSTITUTION: Thermocouples 1a, 1b are embedded into asymmetric corner parts of a mold 31, respectively piercing a jacket 32, and the temp. of each corner part is detected and transmitted to a control panel 10. Molten metal 41 continuously supplied from a nozzle 33 becomes a cast slab 40 having square or rectangular cross section forming the solidified shell 42 at the outer peripheral part, and the cast slab is discharged to the lower part of the mold 31. Correcting spray pipes 2a, 2b are arranged in opposite on the respective corner parts 40a and 40b where the cast slab faces. By calculating the detected temp. difference with a control panel 10, the necessary cooling water spraying quantity to correct the cast slab is calculated, and by working the flow rate adjusting values 6a, 6b, the cooling water is adjusted to the suitable flow rate to correct the rhomboid deformation.

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